Warning: Refer to current foreign charts and flight information publications for information while foreign airspace.

UNITED STATES GOVERNMENT
FLIGHT INFORMATION PUBLICATION

IFR ENROUTE LOW ALTITUDE - U.S.

For use up to but not including 18,000' MSL
HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

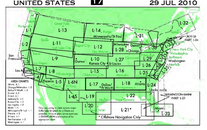
EFFECTIVE 0901Z **29 JUL 2010**
TO 0901Z **23 SEP 2010**

Consult NOTAMs for latest information

PUBLISHED BY NATIONAL AERONAUTICAL CHARTING OFFICE UNDER CONTRACT TO DEPARTMENT OF DEFENSE'S NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY

MILITARY TRAINING ROUTES

NUMBER	ALTITUDE RANGE	NUMBER	ALTITUDE RANGE	NUMBER	ALTITUDE RANGE
IR-001	1500 AGL TO 10000	IR-128	100 AGL TO 4000	VR-103	500 AGL TO 10000
IR-007	500 AGL TO 3000	IR-131	SURFACE TO 4000	VR-104	500 AGL TO 10000
IR-011	4000 TO 9000	IR-133	100 AGL TO 3000	VR-106	500 AGL TO 8000
IR-021	5000 TO 11000	IR-135	100 AGL TO 4000	VR-107	500 AGL TO 10000
IR-022	9500 TO 10000	IR-137	SURFACE TO 4000	VR-144	500 AGL TO 4000
IR-030	500 AGL TO 6000	IR-139	100 AGL TO 5000	VR-148	500 AGL TO 3000
IR-051	500 AGL TO 4000	IR-151	100 AGL TO 4000	VR-159	500 AGL TO 8000
IR-056	500 AGL TO 3000	IR-152	100 AGL TO 4000	VR-160	500 AGL TO 8000
IR-057	500 AGL TO 8000	IR-159	100 AGL TO 4000	VR-163	500 AGL TO 3000
IR-059	500 AGL TO 7000	IR-178	100 AGL TO 4000	VR-184	500 AGL TO 4000
IR-102	100 AGL TO 3000	IR-184	SURFACE TO 4000	VR-186	500 AGL TO 6000
IR-107	100 AGL TO 5000	IR-185	SURFACE TO 4000	VR-188	500 AGL TO 3000
IR-108	100 AGL TO 4000	IR-186	SURFACE TO 4000	VR-189	500 AGL TO 3000
IR-120	100 AGL TO 5000	IR-196	100 AGL TO 4000	VR-190	500 AGL TO 3000
IR-174	100 AGL TO 7000	IR-197	200 AGL TO 5000	VR-191	500 AGL TO 7000
IR-177	5000	VR-001	1000 AGL TO 10000	VR-198	500 AGL TO 5000
IR-178	6000	VR-96	100 AGL TO 3000	VR-199	500 AGL TO 3000
IR-179	100 AGL TO 7000	VR-98	100 AGL TO 4000		



ATTENTION:

THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA).

The off route obstruction clearance altitudes shown in quadrangles bounded by ruled lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The OROCA is based on obstacle clearance criteria, unlike the MEA, MOCA, or other altitudes shown on this chart, which are based on navigation aid/fix coverage. OROCA provides obstruction clearance with a 1000 foot buffer in designated mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. For areas in Mexico and the Caribbean which are located outside of the U.S. ADC, OROCA provides obstruction clearance with a 2000 foot buffer. This altitude is provided for obstruction clearance only. It may not provide adequate NAVAID signal reception and communication coverage, and would not be consistent with attitudes assigned by Air Traffic Control.

Example: 12,500 feet

12[5]

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

FOR RECOMMENDATIONS REGARDING FORMAT AND CONTENT CONTACT:

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FOR CHARTING ERRORS CONTACT:

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For Corrective Information, See Chapter 11 of General Planning (GP). For Procurement refer to DOD Catalog of Aeronautical Charts and Flight Information Publications.

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L E G E N D

Facilities in BOLD are OMNIDirectional air navigation facilities. Radials/bearings/courses are magnetic unless followed by (T) for True. Elevations are in feet MSL. Distances are in NAUTICAL MILES unless otherwise noted.

AIRPORTS

- ARC
- Civil
- Civil - Military
- Military
- Heliport
- SEA
- Civil

A. Arc - Private use.
B. Military airports receive for public inspection. Civil airports in private ownership are open to the public unless otherwise noted.
C. Civil airports with control towers are open to the public for visual operation only unless otherwise noted.
D. Airports without control towers are not depicted.

Part-time surface areas effective sunrise to sunset or as indicated by Airport/Facility Directory. See Notice to Airmen publication for specific operating times.

Airport Reference Point (ARP) Latitude/Longitude coordinates to the nearest second.

Airport Traffic Service (ATS) Hours of Operation

Automatic Terminal Information Service

Lighting Intensity

Lighting Codes

Lighting Restrictions

Pilot Controlled Lighting

Rotating Beacon

Obstruction Lighting

Segmented Circle

Landing Direction Indicator

Tetrahedron

Wind Cone/Sock

Landing Area

Runway Dimensions

Runway Surface Type

Runway Gradient

Runway Traffic Direction

Runway Lights

Displaced Threshold

Closed Runway

Takeoff Only

Landing Only

Emergency Only

Runway Weight Bearing Capacity

Runway Surface Composition

Runway Surface Treatment

Runway Edge Lights

Runway End Identifier Lights

Runway Visual Range

Touchdown Zone Lights

Runway Centerline Lights

Runway Markings

Runway Closed Markings

Stopways

Takeoff Runs Available